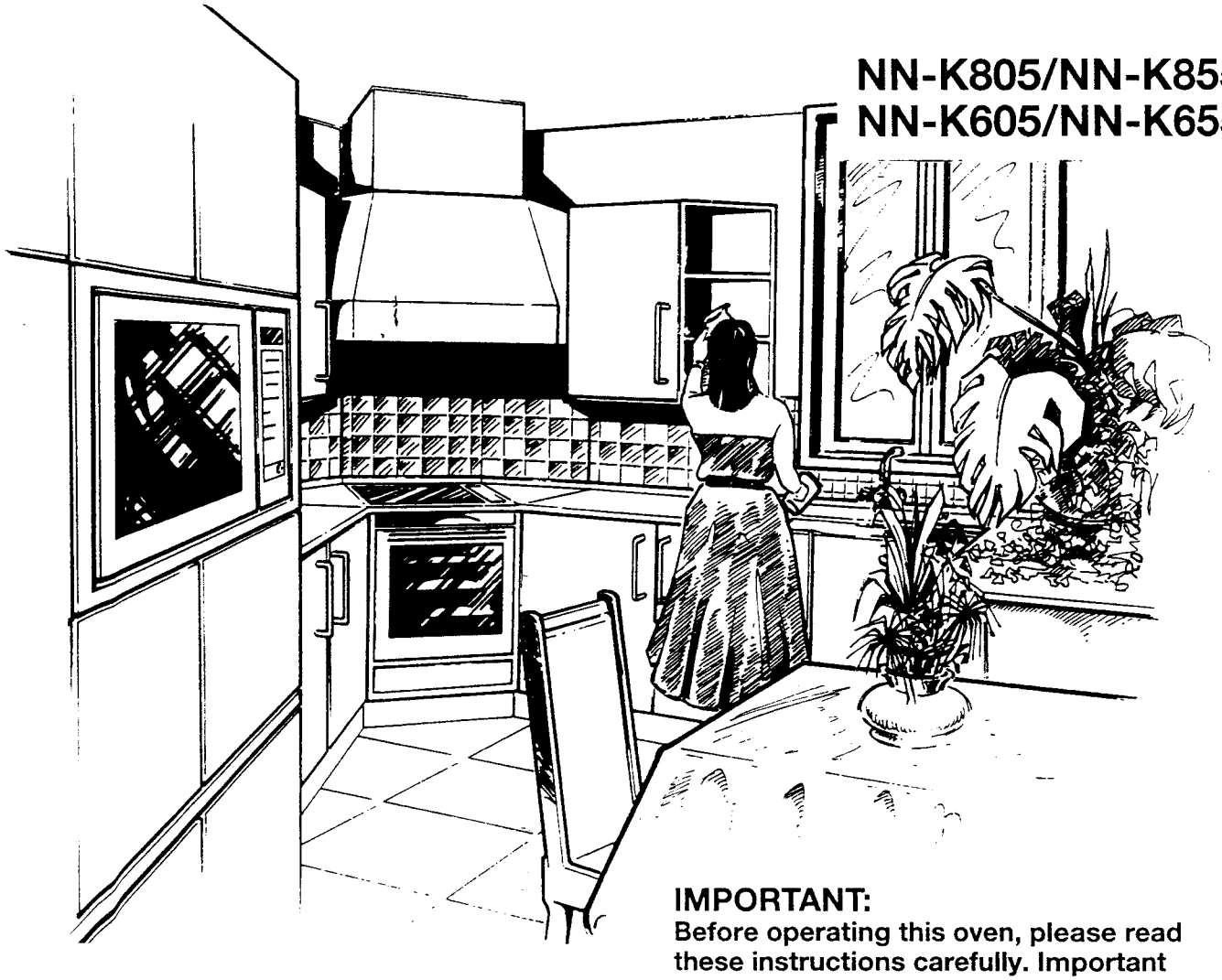
OPERATING INSTRUCTIONS

Microwave & Grill Oven

NN-K805/NN-K855
NN-K605/NN-K655



IMPORTANT:
Before operating this oven, please read these instructions carefully. Important safety information is enclosed. Do not discard these operating instructions – they should be kept for further reference along with your cookbook.

Panasonic

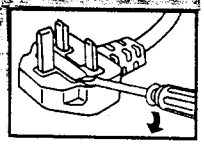
For your safety read the following information carefully

This appliance is supplied with a moulded three pin mains plug for your safety and convenience. A 13 amp fuse is fitted in this plug. Should the fuse need to be replaced, please ensure that the replacement fuse has a rating of 13 amps and that it is approved by ASTA or BSI to BS1362. Check for the ASTA mark Ⓐ or the BSI mark ♆ on the body of the fuse.

If the fuse cover is detachable, never use the plug with the cover omitted. If a replacement fuse cover is required, ensure it is the same colour as that visible on the pin face of the plug (ie. red or orange). A replacement fuse cover can be purchased from your local Panasonic Dealer.

HOW TO REPLACE THE FUSE

Open the fuse compartment with a screwdriver and replace the fuse.



IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY AND AN APPROPRIATE ONE FITTED. THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13 AMP SOCKET.

If a new plug is to be fitted, please observe the wiring code as shown below. If in any doubt, please consult a qualified electrician. (For U.K. Models only)

WARNING: THIS APPLIANCE MUST BE EARTHED.

IMPORTANT: The wires in this mains lead are coloured in accordance with the following code:

Green-and-yellow:	Earth
Blue:	Neutral
Brown:	Live

As the colours of the wire in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked with the letter E or by the Earth symbol ⏚ or coloured GREEN or GREEN-AND-YELLOW.

The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK

The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

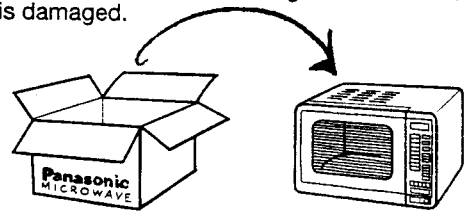
Voltage & Power
The voltage used must be the same as specified on this microwave oven. Using a higher voltage than that which is specified is dangerous and may result in a fire or other type of accident causing damage.

Do not immerse cord, plug or oven in water. Keep cord away from heated surfaces. Do not let cord hang over the edge of table or work top. Do not plug your oven in via an extension cable as this can be dangerous. It is important to plug the oven directly into a wall socket.

The back of the appliance heats up during use. Do not allow the cord to be in contact with the back of the appliance or cabinet surface.

Unpacking your oven

1. **Examine Your Oven**
   Unpack oven, remove all packing material, and examine the oven for any damage such as dents, broken door latches or cracks in the door. Notify dealer immediately if unit is damaged. Do NOT install if unit is damaged.



2. **Guarantee Card**
   Fill out and post the pre-addressed guarantee card.

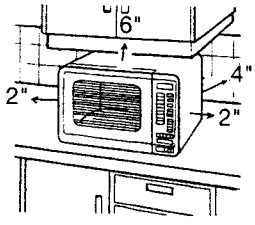
3. **Cord**
   If the supply cord of this appliance is damaged, it must be replaced by the special cord available only from the manufacturer.

N.B. The appliance should be inspected for damage to the door seals and door seal areas and if these areas are damaged the appliance should not be operated until it has been repaired by a service technician trained by the manufacturer.

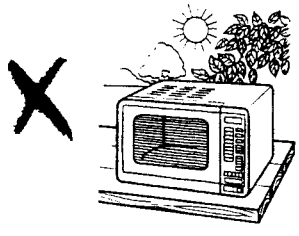
Placement of your oven

Placement of Oven

1. Oven must be placed on a flat, stable surface 850mm above floor level. For proper operation, the oven must have sufficient air flow. ie 5cm/2" at the side; 15cm/6" clear over the top; 10cm/4" at the rear.
2. Do not place the microwave oven on a shelf directly above a gas or electric hob. This may be a safety hazard and the oven may be damaged.



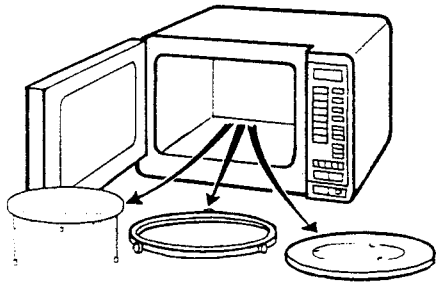
3. Do not block air vents on the rear and bottom or top of the cabinet. Do not place any articles on the top of the oven over the vents. If air vents are blocked during operation, the oven may overheat. If the oven overheats, a thermal safety device will turn the oven off. The oven will remain inoperable with blank display until it has cooled.
4. Do not use outdoors.



Before Using Your Oven

1. **Before Use**
   Before using COMBINATION or GRILL function for the first time operate the oven without food or accessories (including glass turntable and roller ring) on GRILL 1 for 5 mins. This will allow the oil that is used for rust protection to be burned off.

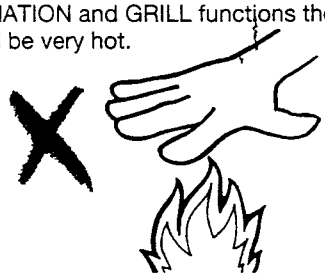
   DO NOT OPERATE THE OVEN EMPTY.
   The appliance must not be operated by Microwave or Combination WITHOUT FOOD IN THE OVEN. Operation when empty will damage the appliance.



2. **Storage of Accessories**
   Do not store any objects other than oven accessories inside the oven in case it is accidentally turned on. In case of electronic failure, oven can only be turned off at wall socket.

Caution: Hot Surfaces!

1. **Hot Surfaces**
   Exterior oven surfaces, including air vents on the cabinet and the oven door, will get hot during COMBINATION and GRILLING. Use care when opening or closing door and when inserting or removing food and accessories. The oven has a heater situated in the top of the oven. After using the COMBINATION and GRILL functions the roof and walls will be very hot.



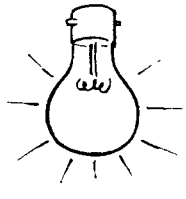
2. Children should be kept away from the oven at all times and should only be allowed to operate the oven under supervision. Ensure that children do not touch the hot outer casing after operation of the oven.

Maintenance of your oven

1. **Service**
   WHEN YOUR OVEN REQUIRES A SERVICE call your local Panasonic engineer (01344 - 853584 Service Administration). It is dangerous for anyone other than a service technician trained by the manufacturer to perform repair service. Do not attempt to remove the outer casing of the oven.

2. **Door Seals**
   Do not attempt to tamper with or make any adjustments or repairs to door, control panel housing, safety interlock switches or any other part of the oven. Do not remove outer panel from oven.
   The door seals and door seal areas should always be kept clean – use a damp cloth.

3. **Oven Light**
   The oven lamp must be replaced by a service technician trained by the manufacturer. DO NOT attempt to remove the outer casing from the oven.



4. **Spare Parts**
   These may be ordered from SEME (01280 823523). Ensure you quote correct model number.

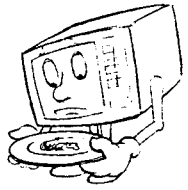
Important Information – Read Carefully

Short Cooking Times

As microwave cooking times are much shorter than other cooking methods it is essential that recommended cooking times are not exceeded without first checking the food.
Cooking times given in the cookbook are approximate. Factors that may affect cooking times are: preferred degree of cooking, starting temperature, altitude, volume, size and shape of foods and utensils used. As you become familiar with the oven, you will be able to adjust these factors.
It is better to undercook rather than overcook foods. If food is undercooked, it can always be returned to the oven for further cooking. If food is overcooked, nothing can be done. Always start with minimum cooking times.

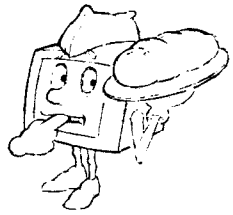
Important.
If the recommended cooking times are exceeded the food will be spoiled and in extreme circumstances could catch fire and possibly damage the interior of the oven.

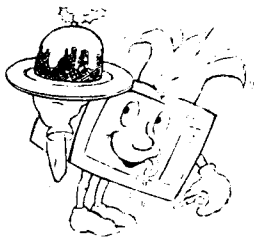
1. **Small quantities of food.**
Take care when heating small quantities of food as these can easily burn, dry out or catch fire if cooked too long. Always set short cooking times and check the food frequently.
NB. If materials inside the oven should ignite, keep oven door closed, turn oven off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.



NEVER OPERATE THE OVEN WITHOUT FOOD INSIDE ON MICROWAVE OR COMBINATION.

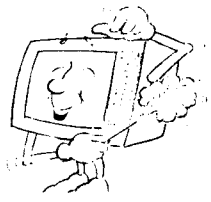
2. **Foods low in moisture.**
Take care when heating foods low in moisture, eg bread items, chocolate, popcorn, biscuits and pastries. These can easily burn, dry out or catch on fire if cooked too long.

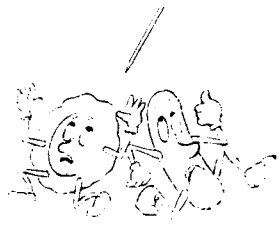




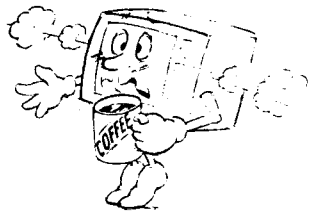
3. **Christmas Pudding.**
Christmas puddings and other foods high in fats or sugar, eg. jam, mince pies, must not be over heated. These foods must never be left unattended as with over cooking these foods can ignite.

4. **Boiled Eggs.**
Do not boil eggs in their shell in your microwave. Raw eggs boiled in their shells can explode causing injury.





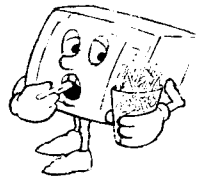
5. **Foods with Skins.**
Potatoes, apples, egg yolk, whole vegetables and sausages are examples of food with non porous skins. These must be pierced using a fork before cooking to prevent bursting.



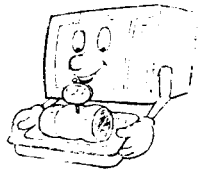
6. **Liquids.**
When heating liquids, eg soup, sauces and beverages in your microwave oven, overheating the liquid beyond boiling point can occur without evidence of bubbling. This could result in a sudden boil over of the hot liquid. To prevent this possibility the following steps should be taken:
a) Avoid using straight-sided containers with narrow necks.
b) Do not overheat.
c) Stir the liquid before placing the container in the oven and again halfway through the heating time.
d) After heating, allow to stand in the oven for a short time, stirring again before carefully removing the container.

7. **Lids.**
Always remove the lids of jars and containers and takeaway food containers before you microwave them. If you don't then steam and pressure might build up inside and cause an explosion even after the microwave cooking has stopped.

8. **Deep Fat Frying.**
Do not attempt to deep fat fry in your oven.

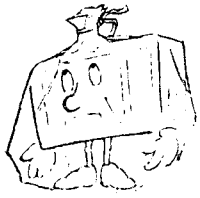


9. **Meat Thermometer.**
Use a meat thermometer to check the degree of cooking of roasts and poultry only when meat has been removed from the microwave. If undercooked, return to the oven and cook for a few more minutes at the recommended power level. Do not leave a conventional meat thermometer in the oven when microwaving.

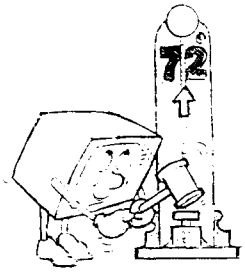


Important Information – Read Carefully

10. Paper, Plastic.

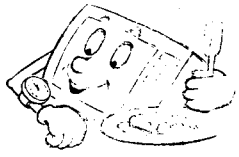


Carefully attend the appliance if paper, plastic or other combustible materials are used as containers or for covering. Do not use wire twist-ties with roasting bags as arcing will occur.
Do not use re-cycled paper products, eg Kitchen roll unless they say they are specifically designed for use in a microwave oven. These products contain impurities which may cause sparks and/or fires when used.



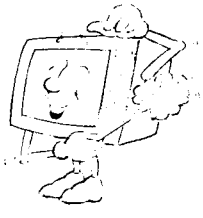
11. Reheating.
It is essential that reheated food is served "piping hot".
Remove the food from the oven and check that it is "piping hot", ie steam is being emitted from all parts and any sauce is bubbling. (If you wish you may choose to check the food has reached 72°C with a food thermometer – but remember do not use this thermometer inside the microwave.)
For foods that cannot be stirred, eg lasagne, shepherds pie, the centre should be cut with a knife to test it is well heated through. Even if a manufacturer's packet instructions have been followed always check the food is piping hot before serving and if in doubt return your food to the oven for further heating.

12. Standing Time.



Standing time refers to the period at the end of cooking or reheating when food is left before being eaten, ie. it is a rest time which allows the heat in the food to continue to conduct to the centre, thus eliminating cold spots.

13. Keeping Your Oven Clean.
It is essential for the safe operation of the oven that it is wiped out regularly. Use warm soapy water, squeeze the cloth out well and use to remove any grease or food from the interior. Pay particular attention to the door seal area and also the areas around the microwave feed guide situated on the right hand side of the cavity wall. The oven should be unplugged when cleaning.

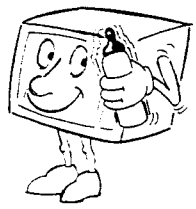


14. Grilling.
The oven will only operate on the GRILL function with the door closed.

15. Fan Motor Operation.
After using COMBINATION AND GRILLING the fan motor rotates for about 1 minute to cool the electric components. This is normal and you can take out food even though the fan motor operates. You can continue using the oven during this 1 minute.

16. Containers
Before use check that utensils/containers are suitable for use in microwave ovens.

17. Babies Bottles and Food Jars

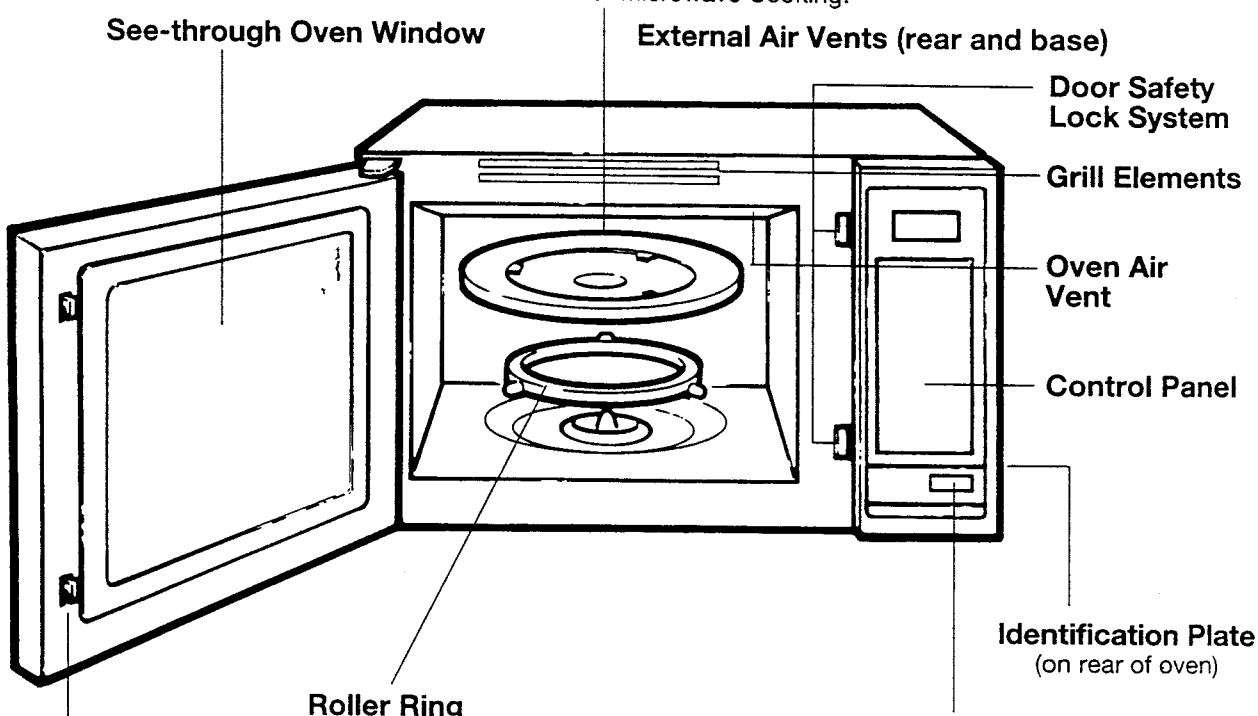


When reheating babies bottles always remove top and teat. Liquid at the top of the bottle will be much hotter than that at the bottom and must be shaken thoroughly before checking the temperature. The lid must also be removed from babies food jars, the contents must also be stirred or shaken before the temperature is checked.

Parts of Your Oven

1. Do not operate the oven without the Roller Ring and Glass Turntable in place.
2. Only use the Glass Turntable specifically designed for this oven. Do not substitute with any other Glass Turntable.
3. If Glass Turntable is hot, allow to cool before cleaning or placing in water.
4. Do not cook directly on Glass Turntable. Always place food in a microwave safe dish. The only exception to this is when cooking Jacket Potatoes or Auto Program Jacket Potatoes.
5. If food or utensil on Glass Turntable touches oven walls, causing the tray to stop moving, the tray will automatically rotate in opposite direction. This is normal. Open oven door, reposition the food and Restart.
6. The Glass Turntable can rotate in either direction.
7. While cooking by MICROWAVE or COMBINATION, Turntable may vibrate. This will not affect cooking performance.
8. The metal Grill Accessory provided must ONLY be used as directed for Grilling and Combination cooking. Never use this on microwave only. Do not use if operating the oven with less than 200g (7oz) of food on a manual or Auto Combination program. FAILURE TO USE ACCESSORIES CORRECTLY COULD DAMAGE YOUR OVEN.
9. Arcing may occur if the incorrect weight of food is used, the Grill Accessory has been damaged, or a metal container has been used accidentally. If this occurs, stop the machine immediately, and continue to cook by GRILL ONLY.
10. Always refer to instructions in the cookbook for correct accessories to use on all programs. The glass turntable and roller ring are the only accessories used for Microwave Cooking.

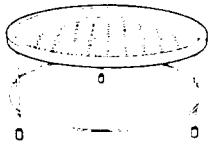
Glass Turntable
The glass turntable and roller ring are the only accessories used for Microwave Cooking.



Door Safety Lock System

Roller Ring
1. The Roller Ring and oven floor should be cleaned frequently to prevent excessive noise.
2. The Roller Ring must always be used together with the Glass Turntable for cooking.

Door Release Pad
Press to open the door.
Opening the door during cooking will stop the cooking process without cancelling the program. Cooking resumes as soon as the door is closed and Start Pad is pressed. The oven light will turn on and stay on whenever the door is opened.

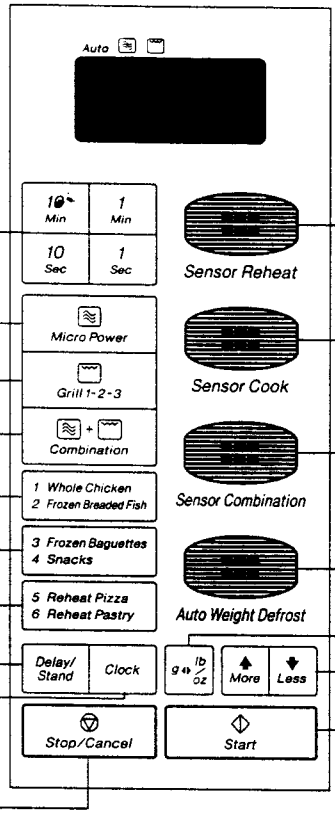


Grill Accessory

Drip Tray (available as optional extra for NN-K605/K655)

Control Panel – NN-K805/K855 NN-K605/K655

NN-K805/K855



Time Pads

Micro Power Pad

Grill Pad

Combination Pad
(See page 13)

Auto Weight Programs

Delay/Stand Pad
This can be used to delay a cooking program for up to 9hrs 99 mins, or used to time or for standing (non-cooking) time.

Clock Pad
Press the clock pad. Using the minute and second pad set the clock (12hr clock). Press clock pad again to stop colons flashing.

Stop/Cancel Pad
Before cooking: one press clears your instructions. During cooking: one press temporarily stops the cooking program. Another press cancels all your instructions and the time of day will re-appear in the display window.

Sensor Programs
(See Page 14)

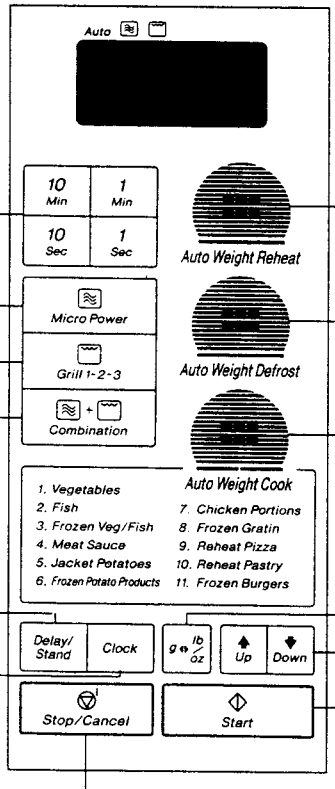
Auto Weight Defrost Programs

lb/oz Conversion pad

Weight Selection Pads

Start Pad
One press allows the oven to begin functioning. If the door is opened or the Stop/Cancel pad is pressed once during the oven operation the Start Pad must be pressed again to restart the oven.

NN-K605/K655



Time Pads

Micro Power Pad

Grill Pad

Combination Pad
(See page 13)

Delay/Stand Pad
This can be used to delay a cooking program for up to 9hrs 99 mins, or used to time or for standing (non-cooking) time.

Clock Pad
Press the clock pad. Using the minute and second pad set the clock (12hr clock). Press clock pad again to stop colons flashing.

Stop/Cancel Pad
Before cooking: one press clears your instructions. During cooking: one press temporarily stops the cooking program. Another press cancels all your instructions and the time of day will re-appear in the display window.

Auto Weight Reheat Programs
(See page 14)

Auto Weight Defrost Programs
(See page 14)

Auto Weight Cook Programs
(See page 14)

lb/oz Conversion pad

Weight Selection Pads

Start Pad
One press allows the oven to begin functioning. If the door is opened or the Stop/Cancel pad is pressed once during the oven operation the Start Pad must be pressed again to restart the oven.

Let's Start to Use your Oven! – Demonstration Mode

1 Plug in

Plug into a 13 amp fused electrical socket. You will be reminded to read your operating instructions.

2 Press Clock Pad

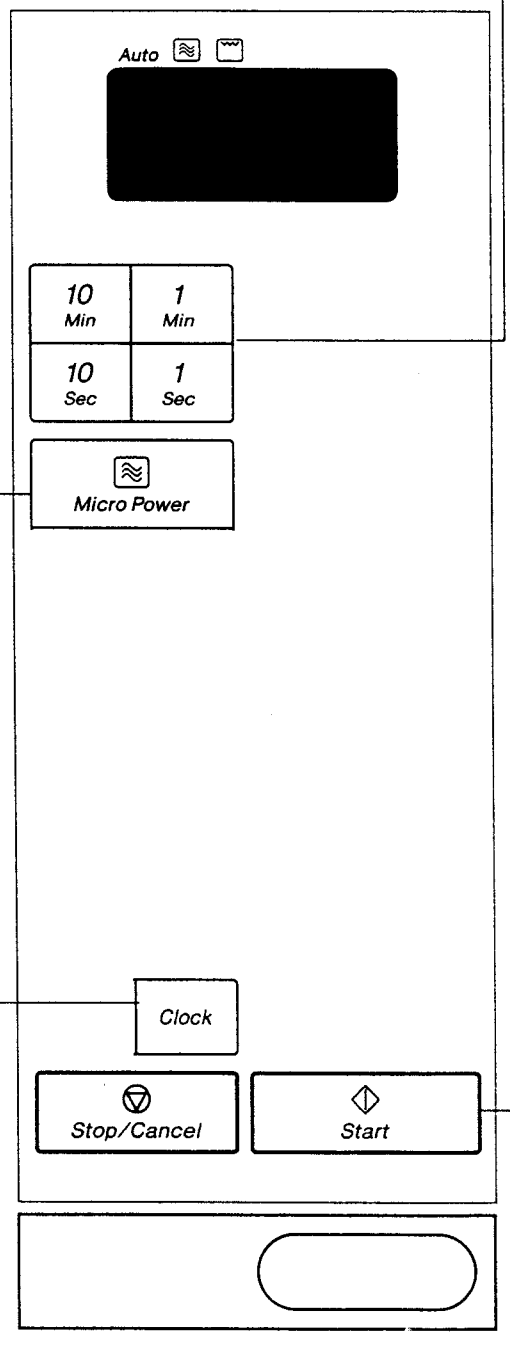
Set clock as a 12hr clock. Press clock pad once. Set time using time pads. Press clock pad again. (See page 10 for details.)

3 Demonstration Mode

This is to enable you to experiment setting various programs. (The letter D will always appear in the display window). To select this mode press the clock pad three times DEMO MODE ... 'PRESS ANY KEY' will appear. (Ignore Error on second press).

4 Press Micro Power Pad

eg. HIGH Power – Press Micro Power pad once.



5 Press Time Pad

to set cooking time
eg. 1 minute 30 seconds

10 Min	1 Min
10 Sec	1 Sec

Press once

Press 3 times

6 Press Start Pad

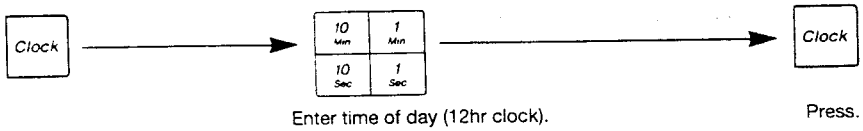
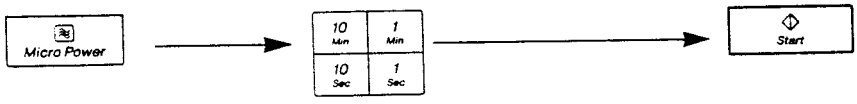
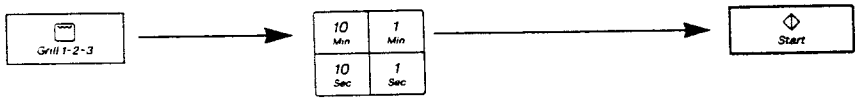
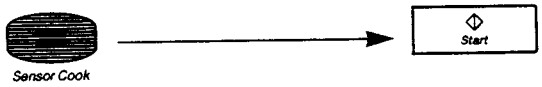
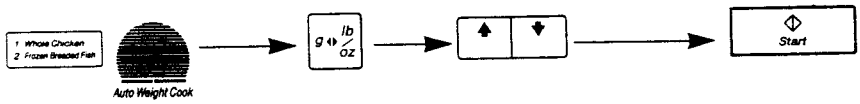
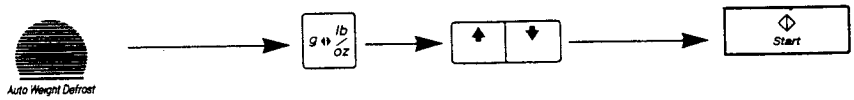
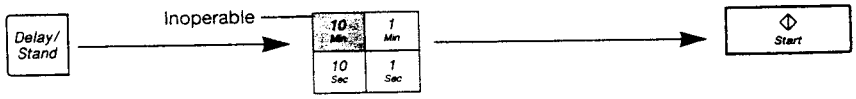
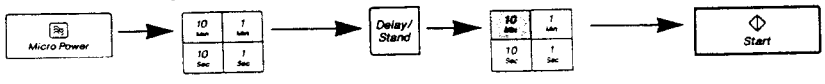
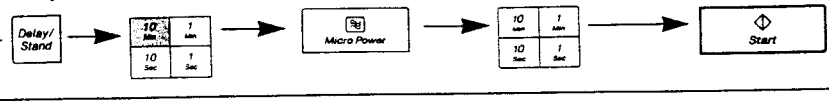
The time will be displayed in the window and count down. The oven will beep at the end of the cooking program.

Check that the letter D appears in the display window. This confirms that there is no microwave power produced and it is safe to use the oven without any food. To cancel the Demo Mode press the clock another 3 times. The display will revert to the time of day.

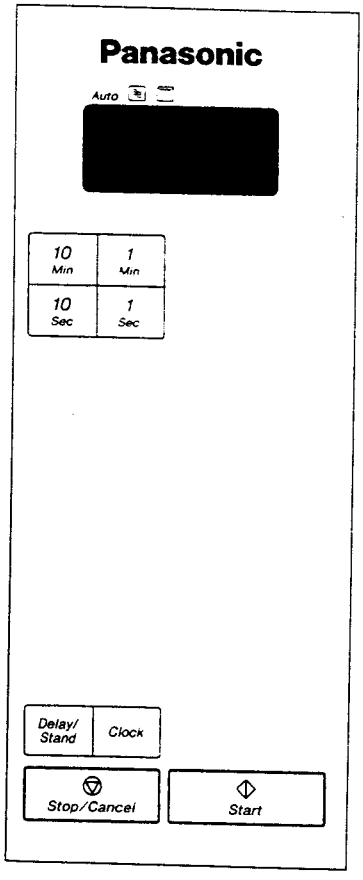
7 Child Lock

To operate the child lock facility press the start pad three times, this will deactivate the microwave. The word LOCK will then appear in the display if any pad is pressed. To clear child lock facility press Stop/Cancel three times.

Quick Guide to Operation

Feature	How to Operate
To Set Clock	 Enter time of day (12hr clock). Press.
To Use Power and Time Setting	 Select power. Set the cooking time. Press.
To Use Grill	 Select power. Set the cooking time. Press.
To Cook by Combination	Press. Select Grill Power 1, 2 or 3. Select Power Medium, Low, Simmer or Warm. Set Cooking Time. Press
To Cook using Sensor Programs (NN-K805/K855)	 Select program Press.
To Cook using Auto Weight Programs	 Select the desired category. Select lb if required. Set the weight. Press
To Defrost using Auto Weight Defrost Pad	 Select Defrost Program 1–3. Select lb if requiired. Set the weight. Press
To Use as a Kitchen Timer	 Press. Set the desired time. Press
To Set Standing Time	Set the Desired Cooking Program then select required STAND time before pressing START 
To Set Delay/Stand	Set Delay time before selecting the Desired Cooking program 

Setting the Clock

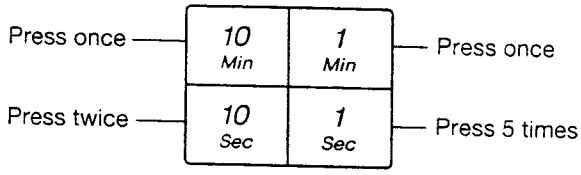


1 Press Clock Pad

"SET TIME" will appear in the display window.

2 Press Time Pads

Enter time of day by pressing appropriate Time Pads.
eg. 11.25pm (12hr clock)



"PRESS CLOCK" will appear in the display window.

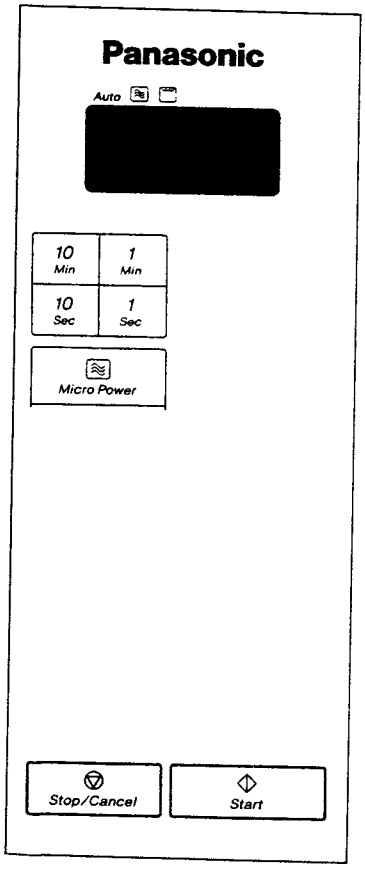
3 Press Clock Pad

Colon stops blinking.

NB

1. To reset time of day, repeat step 1 through to step 3.
2. The clock will keep the time of day as long as the oven is plugged in and electricity is supplied.
3. This is a 12 hour clock, ie 2pm = 2.00 not 14.00. The oven will not function if a 24 hour clock is set.

Microwave Cooking – Using the Power and Time Settings



1 Select Power

Press Micro Power Pad to select correct power level.

Press	Power Level
once	High
twice	Defrost
3 times	Medium
4 times	Low
5 times	Simmer
6 times	Warm

2 Set Time

Set Cooking Time by pressing time pads.

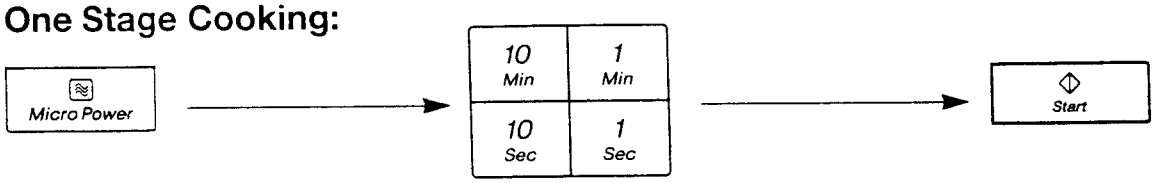
3 Press Start

The Cooking Program will start and the time in the display window will count down. The oven will bleep 5 times at the end of the cooking program.

CAUTION: The oven will automatically work on HIGH microwave power if a cooking time is entered without the power level previously being selected.

Microwave Cooking

One Stage Cooking:



Select power level

Select cooking time

Two Stage Cooking:

eg. High power 10 minutes followed by Simmer power 20 minutes;
Select High power and program 10 minutes then select second power (Simmer) with second cooking time (20 minutes) then press Start.

Three Stage Cooking:

eg. High power 5 minutes, Delay 5 minutes, High power 2 minutes;
Select first Power level and cooking time, then press DELAY pad and select DELAY time, then select final power level and final cooking time. Then press Start.

Using the the Delay/Stand Feature

The Delay/Stand Pad is used as a timing pad only either before, during or after a cooking program. When the Delay/Stand Pad is selected with a time, there is **no** microwave power in the oven during this time.

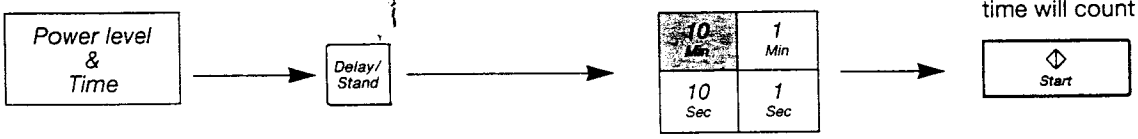
1. To Set a Standing Time:

Set the desired Cooking Program

Then Press the Stand Pad

Set desired standing time (see change in use of pads below)

Press Start Pad. Cooking program will commence after which the standing time will count down.



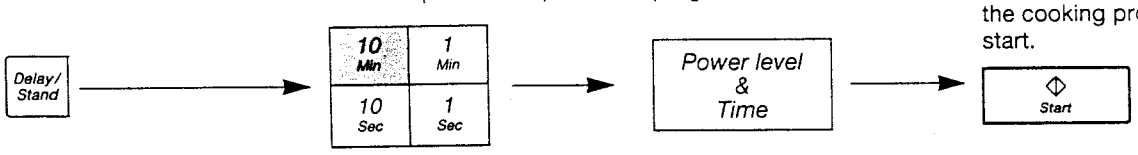
2. To Set a Delay Start:

Press the Delay Pad

Set Delay time (see change in use of pads below)

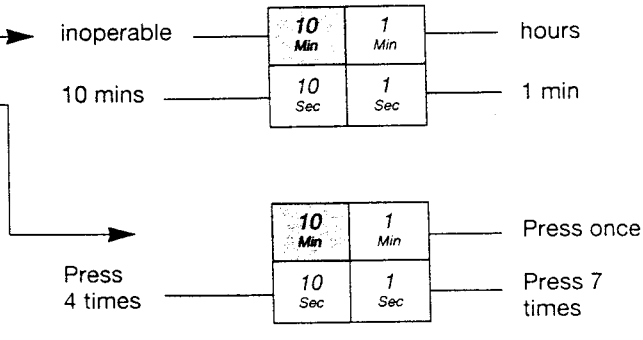
Set the complete cooking program

Press Start Pad. Delayed time will count down then the cooking program will start.

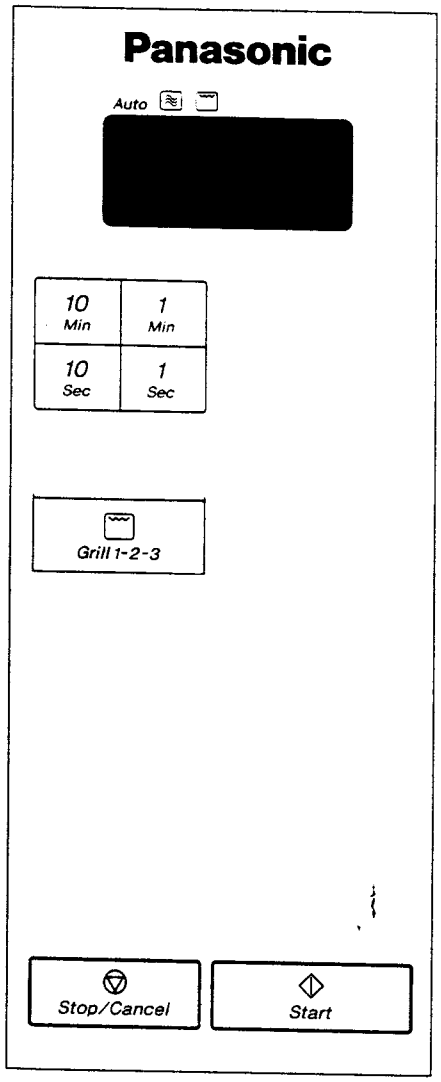


NB

1. When the Delay/Stand program is used, the time pads work as hour pads and minute pads. ie → inoperable (10 Min) hours; 10 mins (10 Sec) 1 min
2. An "H" will appear in the display window to denote hours eg. 1H47
3. If the oven door is opened during the stand time, the time in the display window will continue to count down.
4. Delay Start cannot be used before an Auto Program.



How to use the Grill

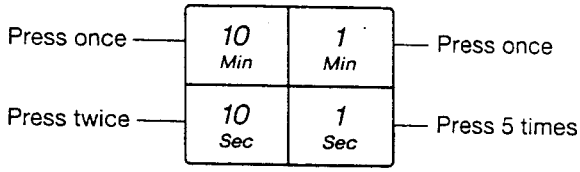


1 Press Grill Pad

Select Grill 1, 2 or 3 (Grill 1 is highest setting)

2 Press Time Pads

Select Cooking Time. Enter desired cooking time by pressing appropriate Time Pads. eg. 11 mins 25 secs.



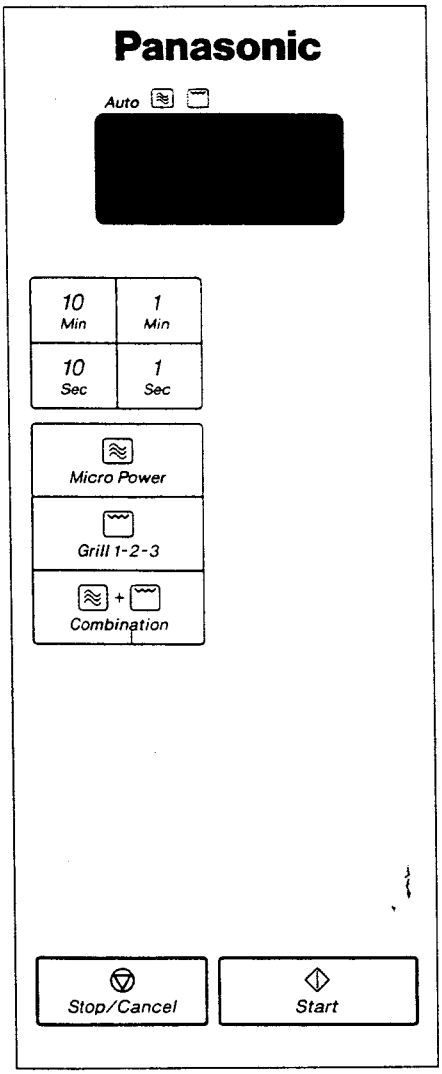
3 Press Start

The cooking program will start and the time in the display will count down. The oven will beep 5 times at the end of the cooking program.

NB CAUTION. When using the oven on grill mode take great care when removing food from hot oven. Food and accessories will be hot!

CAUTION-
When using the Grill function always select the Grill level before entering the cooking time. If the Grill level is not entered the oven will automatically work on HIGH microwave power.

Combination Cooking



1 Press Combination Pad

2 Press Grill Pad

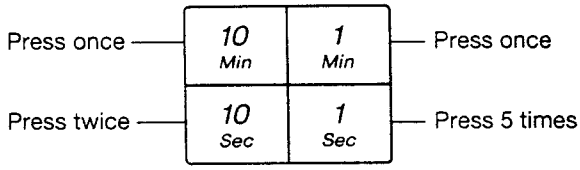
Select Grill 1, 2 or 3.

3 Press Micro Power Pad

Press Micro Power pad to select correct power. Medium, Low, Simmer or Warm

4 Press Time Pads

Select Cooking Time. Enter desired cooking time by pressing appropriate Time Pads. eg. 11 mins 25 secs.



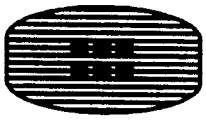
5 Press Start

The cooking program will start and the time in the display will count down.

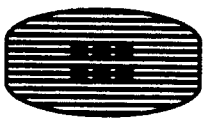
NB CAUTION. When using the oven on grill mode take great care when removing food from hot oven. Food and accessories will be hot!

Auto Programs

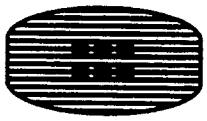
Sensor Programs: NN-K805/K855 only



Sensor Reheat



Sensor Cook



Sensor Combination

All Sensor Programs are operated in the same way.

The Sensor Programs cannot be used when the oven is hot. If a second sensor program is selected "HOT" will appear in the display and a fan will automatically operate to cool the oven. If in a hurry, cook the food manually ie. select the correct power level and cooking time.

1 Press Sensor Pad to select food category (see pages 14-15 of cookbook for more details.

2 Adjust to taste. Press More or Less pad if you wish to alter cooking results. The More/Less pads adjust the cooking time by 10%.

3 Press Start Pad. The category will be repeated in the display window until the oven calculates the cooking time after detecting a burst of steam.

Do NOT open the oven door until the remaining cooking time appears in the display window.

See cookbook for preparing food and minimum/maximum weights to use.

Auto Weight Programs: NN-K805/K855 NN-K605/K655

1 *Whole Chicken*
2 *Frozen Breaded Fish*

Auto Weight Reheat

Auto Weight Cook

1 Press Pad to select reheat/cook category.

2 Select weight. Press g/oz lb/oz if you wish to select imperial weight. Adjust the weight by pressing ▲ or ▼ arrows.

3 Press Start Pad.

Auto Weight Defrost: NN-K805/K855 NN-K605/K655

Auto Weight Defrost

Auto Weight Defrost

1 Press Pad to select Defrost category 1, 2 or 3. (See cookbook for defrosting guidelines.)

2 Select weight. Press g/oz lb/oz if you wish to select imperial weight. Adjust the weight by pressing ▲ or ▼ arrows.

3 Press Start Pad.

Care of your Microwave Oven

1. Switch the oven off before cleaning and unplug at the socket if possible.
2. Keep the inside of the oven, door seals and door seal areas clean. When food spatters or spilled liquids adhere to oven walls and door seals and door seal areas wipe off with a damp cloth. Mild detergent may be used if they get very dirty. The use of harsh detergent or abrasives is not recommended.
3. After GRILL or COMBINATION cooking the ceiling and walls of the oven should be cleaned with a soft cloth squeezed in soapy water. Particular care should be taken to keep the window area clean particularly after cooking by GRILL or COMBINATION. Stubborn spots inside the oven can be removed by using a small amount of branded spray conventional oven cleaner sprayed onto a soft damp cloth. Wipe onto problem spots, leave for recommended time and then wipe off. Avoid the microwave feed guide area, oven door. DO NOT SPRAY DIRECTLY INSIDE THE OVEN.
4. The outside oven surface should be cleaned with a damp cloth. To prevent damage to the operating parts inside the oven, water should not be allowed to seep into the ventilation openings.
5. If the Control Panel becomes dirty, clean with a soft, dry cloth. Do not use harsh detergents or abrasives on Control Panel. When cleaning the Control Panel, leave the oven door open to prevent the oven from accidentally turning on. After cleaning touch STOP/CANCEL Pad to clear display window.
6. If steam accumulates inside or around the outside of the oven door, wipe with a soft cloth. This may occur when the microwave oven is operated under high humidity conditions and in no way indicates a malfunction of the unit or microwave leakage.
7. It is occasionally necessary to remove the glass turntable for cleaning. Wash the tray in warm soapy water.
8. The roller ring and oven cavity floor should be cleaned regularly to avoid excessive noise. Simply wipe the bottom surface of the oven with mild detergent and hot water then dry with a clean cloth. The roller ring may be washed in mild soapy water. Cooking vapours collect during repeated use but in no way affect the bottom surface or the roller ring wheels. After removing the roller ring from cavity floor for cleaning, be sure to replace it in the proper position.
9. When GRILLING or cooking by COMBINATION some foods may splatter grease onto the oven walls. If the oven is not cleaned occasionally to eliminate this grease, it can accumulate and cause the oven to 'SMOKE' during use. These marks will be more difficult to clean later.

Questions and Answers

Q: My microwave oven causes interference with my TV. Is this normal?

A: Some radio and TV interference might occur when you cook with the microwave oven. This interference is similar to the interference caused by small appliances such as mixers, vacuums, hair dryers, etc. It does not indicate a problem with your oven.

Q: Why does my oven light dim?

A: When cooking with a power other than HIGH, the oven must cycle to obtain the lower power levels. The oven light dims and clicking noises can be heard when the oven cycles.

Q: Sometimes warm air comes from the oven vents. Why?

A: The heat given off from the cooking food warms the air in the oven cavity. This warmed air is carried out of the oven by the air flow pattern in the oven. There isn't an airtight seal to the air therefore steam can escape. There are no microwaves in the air, or steam. The oven vents should never be blocked during cooking.

Building-in Your Oven

1. In case of fitting into an oven housing, please use Panasonic's Trim Kit
   NN-TKK05 (brown) NN-TKK55 (white)
2. Microwave ovens should not be built into a unit directly above a top front venting conventional cooker. This will invalidate your one year guarantee. A microwave which is built under a work surface must have adequate air circulation and must have a vent in the work surface. Read Trim-Kit instructions carefully before installation.

Technical Specifications

Power Consumption:	Microwave:	1,310W
	Maximum:	2,610W
	Grill	1,340W
Output:	Microwave:	800W (IEC)
	Grill:	1300W
Outer Dimensions:	510mm (W) x 370mm (D) x 305mm (H)	
Oven Cavity Dimensions:	330mm (W) x 330mm (D) x 211mm (H)	
Operating Frequency:	2,450MHz	
Weight:	17.6kg	

Power Source Republic of Ireland

Rated Voltage:	230V, 50HZ
Required Power	1400W, 11.4A

All other specifications unchanged.

Weight and Dimensions shown are approximate.

This appliance was produced to EN 60335-2-6.

This appliance is type B(VDE) appliance.

This appliance was produced to BS 800.

E00038000 BP
T0895-0
Printed in U.K.